



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

8/A  
PA 5/2/03

**Applicant:** Yoshinori Kuno et al.

**Atty. Docket No.** 075834.00033

**Serial No.:** 09/ 306,813

**Group Art Unit:** 2612

**Filed:** May 7, 1999

**Examiner:** Justin P. Misleh

**Invention:** "SOLID STATE IMAGE PICKUP DEVICE"

AMENDMENT A

Assistant Commissioner of Patents  
Washington, D.C. 20231

**RECEIVED**

APR 30 2003

Technology Center 2600

S I R:

In response to the Office Action dated December 19, 2002, please amend the application as follows:

IN THE CLAIMS:

5/6/03  
90

1. (Once Amended) A solid state image pickup device being provided with a photoelectric converter portion [being composed of] having a plurality of pixels disposed in a row, a charge transfer portion for transferring the charges generated in said photoelectric converter portion and a charge/voltage converter portion for converting the charges transferred by said charge transfer portion into voltages comprising:

a timing pulse generator portion for generating at least more than one pulse signal from among four pulse signals which are; a first pulse signal for driving said charge transfer portion, a second pulse signal for reading out the charges generated in said photoelectric converter portion, a third pulse signal for sweeping out the charges generated in said photoelectric converter portion, and a fourth pulse signal for discharging the charges transferred to said charge/voltage converter portion, and

a switch circuit for [switching over at least one pulse signal out of said] alternatively selecting between pulse signals of [more than one to] said timing pulse generator or a predetermined fixed potential or a floating level which are not dependent upon signals from the timing pulse generator.

2. (Once Amended) A method for driving a solid state image pickup device [being] provided with a photoelectric converter portion [being composed of] having a plurality of pixels in a row, a charge transfer portion for transferring the charges generated in said

04/29/2003 CNGUYEN 0000050 09306813

410.00 DP

01 FC:1252